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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/632,235	08/04/2000	Allan Tzunren Tzeng	SUN-P4497	1869
25920	7590	09/22/2004	EXAMINER	
MARTINE & PENILLA, LLP 710 LAKEWAY DRIVE SUITE 170 SUNNYVALE, CA 94085			DO, CHAT C	
			ART UNIT	PAPER NUMBER
			2124	

DATE MAILED: 09/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Advisory Action</b>	<b>Application No.</b>	<b>Applicant(s)</b>
	09/632,235	TZENG ET AL.
<b>Examiner</b>	<b>Art Unit</b>	
Chat C. Do	2124	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 13 August 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a)  The period for reply expires 4 months from the mailing date of the final rejection.
- b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.  
ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1.  A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2.  The proposed amendment(s) will not be entered because:
  - (a)  they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b)  they raise the issue of new matter (see Note below);
  - (c)  they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d)  they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See below.

3.  Applicant's reply has overcome the following rejection(s): 112 rejections for claims 1-7.
4.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5.  The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See below.
6.  The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7.  For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_

Claim(s) objected to: \_\_\_\_\_

Claim(s) rejected: 1-7

Claim(s) withdrawn from consideration: \_\_\_\_\_

8.  The drawing correction filed on \_\_\_\_\_ is a) approved or b) disapproved by the Examiner.

9.  Note the attached Information Disclosure Statement(s) ( PTO-1449) Paper No(s). \_\_\_\_\_

10.  Other: \_\_\_\_\_



ANIL KHATRI  
PRIMARY EXAMINER

Part 2(a): The applicant amended all the independent claims from having a rounding before the addition completion to upon having the addition completion. This limitation would raise new issues that would require further consideration, in particular claim 4.

Part 5(c): Oberman et al. disclose in Figure 6 processor comprising: at least one local store designed to contain a plurality of floating point values (from input unit 210); at least one floating point execution unit (230), floating point execution unit further including a separator configured to retrieve plurality of floating point values from local store and make available a mantissa portion (MA and MB) from and corresponding to each of plurality of floating point values, floating point execution unit further including at least one adder unit (340) configured to receive mantissas in order and number determined by adder unit (output of 340); a compare unit (308) operatively coupled to at least one local store further comprising a separator configured to retrieve plurality of floating point values from local store and make available at least a mantissa portion of each of floating point values (EB and EA), and a comparison unit configured to make available a carry-out bit value resulting from an addition of mantissas portions; and, an end-around-carry bit calculator unit (320) operatively coupled to compare unit and configured to provide a correct value of an end-around-carry calculation available as output, based on values received from compare unit (350 and 360); and a rounding calculator operatively coupled to the end-around-carry bit calculator to calculate a rounding choice prior to the adder unit completing the addition and communicating the choice to the adder unit.